

(57) Abstract

A method (400) for processing location information relating to a certain mobile station in a cellular network is presented. The method involves a first network element, which is connected to the cellular network, and second and third network elements, which are connected to a packet data network. The first network receives (401) a location information request (201) relating to the mobile station from a second network element. A security document relating to the second network element is requested (404) from a third network element; establishment (406) of one security association pointing from the second network element to the first network element and involving information in the security document is initiated; after successful establishment of said security association, the data origin of the location service request is authenticated (408); and after successful authentication, a location procedure relating to the mobile station in the cellular network is initiated (410). Also a network element (900), a packet data device (950) and a mobile station (901) are presented.

Fig. 3